



ATTORNEYS AT LAW



Robert Greene Sterne
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Robert C. Millonig
Donald J. Featherstone
Timothy J. Shea, Jr
Michael V. Messinger
Judith U. Kim
Patrick E. Garrett
Jeffrey T. Helvey

Eldora L. Ellison
Thomas C. Fiala
Donald R. Banowitz
Peter A. Jackman
Jeffrey S. Weaver
Brian J. Del Buono
Mark Fox Evans
Edward W. Yee
Vincent L. Capuano
Virgil Lee Beaston
Theodore A. Wood
Elizabeth J. Haanes
Joseph S. Ostroff
Frank R. Cottingham
Daniel A. Klein
Jason D. Eisenberg
Michael D. Specht
Tracy L. Muller
Jon E. Wright

LuAnne M. DeSantis
Ann E. Summerfield
Helene C. Carlson
Cynthia M. Bouchet
Timothy A. Doyle
Gaby L. Longsworth
Lori A. Gordon
Laura A. Vogel
Bryan S. Wade
Bashir M.S. Ali
Shannon A. Carroll
Anbar F. Khal
Michelle K. Holoubek
Marsha A. Rose
Young Tang
Christopher J. Walsh
W. Blake Coblenz*
James J. Pohl*
John T. Haran

Mark W. Rygiel
Kevin W. McCabe
Michael R. Malek*
Doyle A. Siever*
Ulrike Winkler*
Registered Patent Agents*
Karen R. Markowicz
Matthew J. Dowd
Katrina Yujian Pei Quach
Bryan L. Skelton
Robert A. Schwartzman
Victoria S. Rutherford
Simon J. Elliott
Julie A. Heider
Mita Mukherjee
Scott M. Woodhouse

Liliana Di Nola-Baron
Peter A. Socarras
Jeffrey K. Mills
Danielle L. Letting
Lori Brandes
Steven C. Oppenheimer

Of Counsel
Edward J. Kessler
Kenneth C. Bass III
Marvin C. Guthrie

*Admitted only in Maryland
* Admitted only in Virginia
•Practice Limited to
Federal Agencies

February 28, 2007

WRITER'S DIRECT NUMBER:
(202) 772-8861

INTERNET ADDRESS:
CBOUCHEZ@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 1614

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application No. 10/578,403
(U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443; I.A. Date: November 4, 2004)
For: **2-HALOGEN-6-ALKYL-PHENYL SUBSTITUTED SPIROCYCLIC
TETRAMIC ACID DERIVATIVES**
Inventors: FISCHER *et al.*
Our Ref: 2400.0320000/VLC/CMB

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO/SB/08A listing fifty-eight (58) cited documents;
3. Copies of fifty-five (55) of the fifty-eight (58) cited documents (**FP1-FP55**);
4. Form PTO/SB/08B listing forty-two (42) cited documents;
5. Copies of the forty-two (42) cited documents (**NPL1-NPL42**); and
6. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

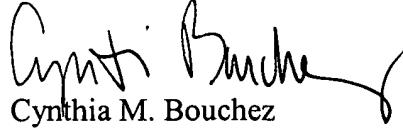
TPW

Commissioner for Patents
February 28, 2007
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Cynthia M. Bouchez
Attorney for Applicants
Registration No. 47,438

JMC/VLC/CMB:krh
Enclosures

646956_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

FISCHER *et al.*

Appl. No.: 10/578,403

(U.S. Nat'l Phase of Int'l Appl.
No. PCT/EP2004/012443)

Filed: November 4, 2004

For: **2-Halogen-6-Alkyl-Phenyl
Substituted Spirocyclic Tetramic
Acid Derivatives**

Confirmation No.: 1672

Art Unit: 1614

Examiner: *To Be Assigned*

Atty. Docket: 2400.0320000/ VLC/CMB

**Information Disclosure Statement
Under 37 C.F.R. § 1.97(b)**

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Information Disclosure Statement Forms, PTO/SB/08A and PTO/SB/08B, are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents **FP1** to **FP55** and **NPL1** to **NPL42** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of the U.S. patents cited on the attached Form PTO/SB/08A, documents **US1** to **US3**, are not submitted.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language documents, **FP1** to **FP6**, **FP8** to **FP20**, **FP22**, **FP23**, **FP25** to **FP55**, **NPL1**, **NPL4** to **NPL6**, and **NPL11**, cited on Forms PTO/SB/08A and PTO/SB/08B:

Document **FP1**, DE 2 218 097 A1, is in the German language. An English language abstract of document FP1 is cited as document **NPL16** and submitted herewith.

Document **FP2**, DE 2 350 547 A1, is in the German language. An English language abstract of document FP2 is cited as document **NPL17** and submitted herewith.

Document **FP3**, EP 0 086 750 A2, is in the German language. An English language abstract of document FP3 is cited as document **NPL18** and submitted herewith.

Document **FP4**, EP 0 094 349 A2, is in the German language. An English language abstract of document FP4 is cited as document **NPL19** and submitted herewith.

Document **FP5**, EP 0 174 562 A2, is in the German language. An English language abstract of document FP5 is cited as document **NPL20** and submitted herewith.

Document **FP6**, EP 0 191 736 A2, is in the German language. An English language abstract of document FP6 is cited as document **NPL21** and submitted herewith.

Document **FP8**, EP 0 269 806 A1, is in the German language. An English language abstract of document FP8 is cited as document **NPL22** and submitted herewith.

Document **FP9**, EP 0 333 131 A1, is in the German language. An English language abstract of document FP9 is cited as document **NPL23** and submitted herewith.

Document **FP10**, EP 0 346 620 A1, is in the German language. An English language abstract of document FP10 is cited as document **NPL24** and submitted herewith.

Document **FP11**, EP 355 599 A1, is in the German language. An English language abstract of document FP11 is cited as document **NPL25** and submitted herewith.

Document **FP12**, EP 0 377 893 A1, is in the German language. An English language abstract of document FP12 is cited as document **NPL26** and submitted herewith.

Document **FP13**, EP 0 415 211 A2, is in the German language. An English language abstract of document FP13 is cited as document **NPL27** and submitted herewith.

Document **FP14**, WO 91/07874 A1, is in the German language. An English language abstract of document FP14 can be found on the face page of the published patent application.

Document **FP15**, WO 91/08202 A1, is in the German language. An English language abstract of document FP15 can be found on the face page of the published patent application.

Document **FP16**, EP 0 442 073 A2, is in the German language. An English language abstract of document FP16 is cited as document **NPL28** and submitted herewith.

Document **FP17**, EP 0 442 077 A2, is in the German language. An English language abstract of document FP17 is cited as document **NPL29** and submitted herewith.

Document **FP18**, EP 0 456 063 A2, is in the German language. An English language abstract of document FP18 is cited as document **NPL30** and submitted herewith.

Document **FP19**, EP 0 492 366 A2, is in the German language. An English language abstract of document FP19 is cited as document **NPL31** and submitted herewith.

Document **FP20**, EP 0 521 334 A1, is in the German language. An English language abstract of document FP20 is cited as document **NPL32** and submitted herewith.

Document **FP22**, EP 0 582 198 A2, is in the German language. An English language abstract of document FP22 is cited as document **NPL33** and submitted herewith.

Document **FP23**, EP 0 596 298 A2, is in the German language. An English language abstract of document FP23 is cited as document **NPL34** and submitted herewith.

Document **FP25**, EP 0 613 884 A2, is in the German language. An English language abstract of document FP25 is cited as document **NPL35** and submitted herewith.

Document **FP26**, EP 0 613 885 A2, is in the German language. An English language abstract of document FP26 is cited as document **NPL36** and submitted herewith.

Document **FP27**, WO 94/29268 A1, is in the German language. An English language abstract of document FP27 can be found on the face page of the published patent application.

Document **FP28**, WO 95/01971 A1, is in the German language. An English language abstract of document FP28 can be found on the face page of the published patent application.

Document **FP29**, WO 95/07897 A1, is in the German language. An English language abstract of document FP29 can be found on the face page of the published patent application.

Document **FP30**, WO 95/20572 A1, is in the German language. An English language abstract of document FP30 can be found on the face page of the published patent application.

Document **FP31**, EP 0 668 267 A1, is in the German language. An English language abstract of document FP31 is cited as document **NPL37** and submitted herewith.

Document **FP32**, WO 95/26954 A1, is in the German language. An English language abstract of document FP32 can be found on the face page of the published patent application.

Document **FP33**, WO 96/25395 A1, is in the German language. An English language abstract of document FP33 can be found on the face page of the published patent application.

Document **FP34**, WO 96/35664 A1, is in the German language. An English language abstract of document FP34 can be found on the face page of the published patent application.

Document **FP36**, WO 97/01535 A1, is in the German language. An English language abstract of document FP36 can be found on the face page of the published patent application.

Document **FP37**, WO 97/02243 A1, is in the German language. An English language abstract of document FP37 can be found on the face page of the published patent application.

Document **FP38**, WO 97/36868 A2, is in the German language. An English language abstract of document FP38 can be found on the face page of the published patent application.

Document **FP39**, WO 97/43275 A2, is in the German language. An English language abstract of document FP39 can be found on the face page of the published patent application.

Document **FP40**, DE 196 21 522 A1, is in the German language. An English language abstract of document FP40 is cited as document **NPL38** and submitted herewith.

Document **FP41**, WO 98/05638 A2, is in the German language. An English language abstract of document FP41 can be found on the face page of the published patent application.

Document **FP42**, WO 98/06721 A1, is in the German language. An English language abstract of document FP42 can be found on the face page of the published patent application.

Document **FP43**, EP 0 835 243 B1, is in the German language. An English language equivalent of document FP43 is listed as document **US1**.

Document **FP45**, WO 99/16748 A1, is in the German language. An English language abstract of document FP45 can be found on the face page of the published patent application.

Document **FP46**, WO 99/24437 A1, is in the German language. An English language abstract of document FP46 can be found on the face page of the published patent application.

Document **FP47**, WO 99/43649 A1, is in the German language. An English language abstract of document FP47 can be found on the face page of the published patent application.

Document **FP48**, WO 99/48869 A1, is in the German language. An English language abstract of document FP48 can be found on the face page of the published patent application.

Document **FP49**, WO 99/55673 A1, is in the German language. An English language abstract of document FP49 can be found on the face page of the published patent application.

Document **FP50**, WO 99/66795 A1, is in the German language. An English language abstract of document FP50 can be found on the face page of the published patent application.

Document **FP51**, WO 01/09092 A1, is in the German language. An English language abstract of document FP51 can be found on the face page of the published patent application.

Document **FP52**, WO 01/17972 A2, is in the German language. An English language abstract of document FP52 can be found on the face page of the published patent application.

Document **FP53**, WO 01/23354 A2, is in the German language. An English language abstract of document FP53 can be found on the face page of the published patent application.

Document **FP54**, WO 01/74770 A1, is in the German language. An English language abstract of document FP54 can be found on the face page of the published patent application.

Document **NPL1**, "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," *Chem. Berichte*, 5 pages (1965), is in the German language. An English language abstract of document NPL1 is cited as document **NPL39** and submitted herewith.

Document **NPL4**, "Addition Des Réactifs Nucléophiles Sur La Triple Liaison Nitrile," *Ann. Chim.*, 12 pages (1970), is in the French language. An English language abstract of document NPL4 can be found on the face page of the article.

Document **NPL5**, "Synthesis of steranthenes. III. 3,4-Aceperinaphthane and 6,7-aceperinaphthane," *Ann. Chem.*, 15 pages (1954), is in the German language. An English language abstract of document NPL5 is cited as document **NPL40** and submitted herewith.

Document **NPL6**, "The endo-methylenepiperidazine resulting from cyclopentadiene and azo ester and its transformation into 1,3-diaminocyclopentane," *Ann. Chem.* 21 pages (1925), is in the German language. An English language abstract of document NPL6 is cited as document **NPL41** and submitted herewith.

Document **NPL11**, "Cyclization of N-acylalanine and N-acylglycine Esters," *Liebigs Ann. Chem.*, 4 pages (1985) is in the German language. An English language abstract of document NPL11 can be found on the face page of the article

Documents **FP35**, **FP44**, and **FP55** were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. The search report is attached as document **NPL42** on the IDS Form, PTO/SB/08B. 1138 OG 37, 38.

Applicants would also like to bring to the attention of the Examiner that, for the following document, the volume number could not be determined after reasonable efforts by the Applicants: **NPL9**, Munday, L., "Amino-acids of the Cyclohexane Series. Part I," *J. Chem. Soc.*, 8 pages (1961).

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached Information Disclosure Statement Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

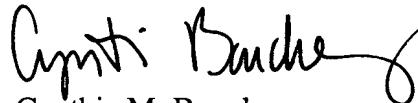
This Information Disclosure Statement is being before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

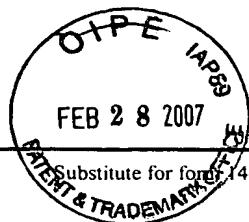


Cynthia M. Bouchez
Attorney for Applicants
Registration No. 47,438

Date: February 28, 2007

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

593197v1



FEB 28 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Approved for use through 09/30/2006. OMB 0651-0031
GSA GEN. REG. NO. 27 - U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 7

Complete if Known

Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
Int'l Filing Date	November 4, 2004
First Named Inventor	FISCHER, Reiner
Art Unit	1614
Examiner Name	<i>To Be Assigned</i>
Attorney Docket Number	2400.0320000/VLC/CMB

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	FP1	DE 2 218 097 A1	11/02/1972	Stauffer Chemical Co.	Abs
	FP2	DE 2 350 547 A1	04/25/1974	Stauffer Chemical Co.	Abs
	FP3	EP 0 086 750 A2	08/24/1983	Ciba-Geigy AG	Abs
	FP4	EP 0 094 349 A2	11/16/1983	Ciba-Geigy AG	Abs
	FP5	EP 0 174 562 A2	03/19/1986	Hoechst Aktiengesellschaft	Abs
	FP6	EP 0 191 736 A2	08/20/1986	Ciba-Geigy AG	Abs
	FP7	EP 0 262 399 A2	04/06/1988	Takeda Chemical Industries, Ltd.	
	FP8	EP 0 269 806 A1	06/08/1988	Hoechst Aktiengesellschaft	Abs
	FP9	EP 0 333 131 A1	09/20/1989	Hoechst Aktiengesellschaft	Abs

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<i>Complete if Known</i>	
		Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
		Int'l Filing Date	November 4, 2004
		First Named Inventor	FISCHER, Reiner
		Art Unit	1614
		Examiner Name	<i>To Be Assigned</i>
Sheet	2	of	7
		Attorney Docket Number	2400.0320000/VLC/CMB

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ² Number ³ Kind Code ⁴ (if known)			
	FP10	EP 0 346 620 A1	12/20/1989	Hoechst Aktiengesellschaft	Abs
	FP11	EP 0 355 599 A1	02/28/1990	Bayer AG	Abs
	FP12	EP 0 377 893 A2	07/18/1990	Bayer AG	Abs
	FP13	EP 0 415 211 A2	03/06/1991	Bayer AG	Abs
	FP14	WO 91/07874 A1	06/13/1991	Hoechst Aktiengesellschaft	Abs
	FP15	WO 91/08202 A1	06/13/1991	Hoechst Aktiengesellschaft	Abs
	FP16	EP 0 442 073 A2	08/21/1991	Bayer AG	Abs
	FP17	EP 0 442 077 A2	08/21/1991	Bayer AG	Abs
	FP18	EP 0 456 063 A2	11/13/1991	Bayer AG	Abs

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>		<i>Complete if Known</i>	
		Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
		Int'l Filing Date	November 4, 2004
		First Named Inventor	FISCHER, Reiner
		Art Unit	1614
		Examiner Name	<i>To Be Assigned</i>
Sheet	3	of	7
		Attorney Docket Number	2400.0320000/VLC/CMB

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	FP19	EP 0 492 366 A2	07/01/1992	Hoechst Aktiengesellschaft	Abs
	FP20	EP 0 521 334 A1	01/07/1993	Bayer AG	Abs
	FP21	GB 2 266 888 A	11/17/1993	Merck Sharp & Dohme Limited (Incorporated in the United Kingdom)	
	FP22	EP 0 582 198 A2	02/09/1994	Hoechst Aktiengesellschaft	Abs
	FP23	EP 0 596 298 A2	05/11/1994	Bayer AG	Abs
	FP24	EP 0 613 618 A1	09/07/1994	American Cyanimid Company	
	FP25	EP 0 613 884 A2	09/07/1994	Bayer AG	Abs
	FP26	EP 0 613 885 A2	09/07/1994	Bayer AG	Abs
	FP27	WO 94/29268 A1	12/22/1994	Bayer Aktiengesellschaft	Abs

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **'**Applicant's unique citation designation number (optional). **²** See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **³** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **⁴** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **⁵** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **⁶** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				<p><i>Complete if Known</i></p>	
				Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	<i>To Be Assigned</i>
Sheet	4	of	7	Attorney Docket Number	2400.0320000/VLC/CMB

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	FP28	WO 95/01971 A1	01/19/1995	Bayer Aktiengesellschaft	Abs
	FP29	WO 95/07897 A1	03/23/1995	Hoechst Schering AgrEvo GmbH	Abs
	FP30	WO 95/20572 A1	08/03/1995	Bayer Aktiengesellschaft	Abs
	FP31	EP 0 668 267 A1	08/23/1995	Bayer AG	Abs
	FP32	WO 95/26954 A1	10/12/1995	Bayer Aktiengesellschaft	Abs
	FP33	WO 96/25395 A1	08/22/1996	Bayer Aktiengesellschaft	Abs
	FP34	WO 96/35664 A1	11/14/1996	Bayer Aktiengesellschaft	Abs
	FP35	DE 196 03 332 A1	01/02/1997	Bayer AG	ISR
	FP36	WO 97/01535 A1	01/16/1997	Bayer Aktiengesellschaft	Abs

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				<p><i>Complete if Known</i></p>	
				Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	<i>To Be Assigned</i>
Sheet	5	of	7	Attorney Docket Number	2400.0320000/VLC/CMB

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ² Number ³ Kind Code ⁴ (if known)			
	FP37	WO 97/02243 A1	01/23/1997	Bayer Aktiengesellschaft	Abs
	FP38	WO 97/36868 A1	10/09/1997	Bayer Aktiengesellschaft	Abs
	FP39	WO 97/43275 A2	11/20/1997	Bayer Aktiengesellschaft	Abs
	FP40	DE 196 21 522 A1	12/04/1997	Hoechst Schering AgrEvo GmbH	Abs
	FP41	WO 98/05638 A2	02/12/1998	Bayer Aktiengesellschaft	Abs
	FP42	WO 98/06721 A1	02/19/1998	Bayer Aktiengesellschaft	Abs
	FP43	EP 0 835 243 B1	04/15/1998	Bayer CropScience AG	
	FP44	WO 98/25928 A1	06/18/1998	Bayer Aktiengesellschaft	ISR
	FP45	WO 99/16748 A1	04/08/1999	Bayer Aktiengesellschaft	Abs

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **'**Applicant's unique citation designation number (optional). **²** See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **³** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **⁴** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **⁵** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **⁶** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i></p>				<p><i>Complete if Known</i></p>	
				Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	<i>To Be Assigned</i>
Sheet	6	of	7	Attorney Docket Number	2400.0320000/VLC/CMB

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	FP46	WO 99/24437 A1	05/20/1999	Bayer Aktiengesellschaft	Abs
	FP47	WO 99/43649 A1	09/02/1999	Bayer Aktiengesellschaft	Abs
	FP48	WO 99/48869 A1	09/30/1999	Bayer Aktiengesellschaft	Abs
	FP49	WO 99/55673 A1	11/04/1999	Bayer Aktiengesellschaft	Abs
	FP50	WO 99/66795 A1	12/29/1999	Hoechst Schering AgrEvo GmbH	Abs
	FP51	WO 01/09092 A1	02/08/2001	Bayer Aktiengesellschaft	Abs
	FP52	WO 01/17972 A2	03/15/2001	Syngenta Participations AG	Abs
	FP53	WO 01/23354 A2	04/05/2001	Bayer Aktiengesellschaft	Abs
	FP54	WO 01/74770 A1	10/11/2001	Bayer Aktiengesellschaft	Abs

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i></p>				<p>Complete if Known</p> <p>Application Number 10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)</p> <p>Int'l Filing Date November 4, 2004</p> <p>First Named Inventor FISCHER, Reiner</p> <p>Art Unit 1614</p> <p>Examiner Name <i>To Be Assigned</i></p>
Sheet	7	of	7	Attorney Docket Number 2400.0320000/VLC/CMB

592908v1

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **'**Applicant's unique citation designation number (optional). **²** See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **³** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **⁴** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **⁵** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **⁶** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

1449B/PTO
Applicable for form 1449B/PTOINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

5

Complete if Known

Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
Int'l Filing Date	November 4, 2004
First Named Inventor	FISCHER, Reiner
Art Unit	1614
Examiner Name	To Be Assigned
Attorney Docket Number	2400.0320000/VLC/CMB

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	NPL1	Askani, R., "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," <i>Chem. Berichte</i> 98:2551-2555, Verlag Chemie (1965)	Abs
	NPL2	Baciocchi, E., <i>et al.</i> , "Dimethyl Arylmalonates from Cerium (IV) Ammonium Nitrate Promoted Reactions of Dimethyl Malonate with Aromatic Compounds in Methanol," <i>Tetrahedron Lett.</i> 27:2763-2766, Elsevier (1986)	
	NPL3	Bhattacharya, B., "Isoquinoline Derivatives: Part XVIII—Formation of I-Alkyl-(or alkaryl or aryl)-3-methyl-7-chloro-(or 5-chloro)-isoquinolines," <i>Indian J. Chem.</i> 6:341-345, Council of Scientific & Industrial Research (1968)	
	NPL4	Compagnon, P.L. and Miocque, M., "Addition Des Réactifs Nucléophiles Sur La Triple Liaison Nitrile," <i>Ann. Chim.</i> 5:11-22, Società chimica italiana (1970)	Abs
	NPL5	Dannenberg, V.H. and Dannenberg-von Dresler, D., "Verusche zur Synthese des „Steranthrens“ III," <i>Justus Liebigs Ann. Chem.</i> 585:1-15, Verlag Chemie (1954)	Abs
	NPL6	Diels, V.O., <i>et al.</i> , "Über das aus Cyclopentadien und Azoester entstehende Endomethylen-piperidazin und seine Überführung in 1,3-Diamino-cyclopentan," <i>Justus Liebigs Ann. Chem.</i> 443:242-262, Verlag Chemie (1925)	Abs
	NPL7	Edward, J.T. and Jitrangsri, C., "Stereochemistry of the Bucherer-Bergs and Strecker Reactions of 4- <i>tert</i> -Butylcyclohexanone," <i>Can. J. Chem.</i> 53:3339-3350, NRC Research Press (1975)	
	NPL8	Harrison, H.R., <i>et al.</i> , "Use of molecular sieves in the methyl esterification of carboxylic acids," <i>Chem. Ind.</i> 45:1568, Society of Chemical Industry (1968)	
	NPL9	Munday, L., "Amino-acids of the Cyclohexane Series. Part I.," <i>J. Chem. Soc.</i> : 4372-4379, Chemical Society (1961)	

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
				Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	<i>To Be Assigned</i>
Sheet	2	of	5	Attorney Docket Number	2400.0320000/VLC/CMB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL10	Nakanishi, S. and Butler, K., "Synthesis of Chlorocarbonyl Ketenes," <i>Org. Prep. Proced. Int.</i> 7:155-158, Organic Preparations and Procedures, Inc. (1975)	
	NPL11	Schmieder, R. and Mildenberger, H., "Cyclization of N-acylalanine and N-acylglycine Esters," <i>Liebigs Ann. Chem.</i> 1985:1095-1098, Verlag Chemie (1985)	Abs
	NPL12	Sonntag, N.O.V., "The Reactions of Aliphatic Acid Chlorides," <i>Chem. Rev.</i> 52:237-416, American Chemical Society (1953)	
	NPL13	Suzuki, S. <i>et al.</i> , "Studies on Antiviral Agents. IV. Biological Activity of Tenuazonic Acid Derivatives," <i>Chem. Pharm. Bull.</i> 15:1120-1122, Pharmaceutical Society of Japan (1967)	
	NPL14	Beilstein Database, Beilstein Registry No. 4957401, "ethyl 2-propylcarbazate," (entry date 1992)	
	NPL15	Beilstein Database, Beilstein Registry No. 4968273, "ethyl 2,3-dipropylcarbazate," (entry date 1992)	
	NPL16	Dialog File 351, Accession No. 502720, Derwent WPI English language abstract for DE 2 218 097 A1 (listed on accompanying PTO/SB/08A as document FP1)	
	NPL17	Dialog File 351, Accession No. 629712, Derwent WPI English language abstract for DE 2 350 547 A1 (listed on accompanying PTO/SB/08A as document FP2)	
	NPL18	Dialog File 351, Accession No. 2714950, Derwent WPI English language abstract for EP 0 086 750 A2 (listed on accompanying PTO/SB/08A as document FP3)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	3	of	5	Attorney Docket Number	2400.0320000/VLC/CMB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL19	Dialog File 351, Accession No. 2777922, Derwent WPI English language abstract for EP 0 094 349 A2 (listed on accompanying PTO/SB/08A as document FP4)	
	NPL20	Dialog File 351, Accession No. 3892231, Derwent WPI English language abstract for EP 0 174 562 A2 (listed on accompanying PTO/SB/08A as document FP5)	
	NPL21	Dialog File 351, Accession No. 3770049, Derwent WPI English language abstract for EP 0 191 736 A2 (listed on accompanying PTO/SB/08A as document FP6)	
	NPL22	Dialog File 351, Accession No. 4372286, Derwent WPI English language abstract for EP 0 269 806 A1 (listed on accompanying PTO/SB/08A as document FP8)	
	NPL23	Dialog File 351, Accession No. 4889149, Derwent WPI English language abstract for EP 0 333 131 A1 (listed on accompanying PTO/SB/08A as document FP9)	
	NPL24	Dialog File 351, Accession No. 4963457, Derwent WPI English language abstract for EP 0 346 620 A1 (listed on accompanying PTO/SB/08A as document FP10)	
	NPL25	Dialog File 351, Accession No. 5386698, Derwent WPI English language abstract for EP 0 355 599 A1 (listed on accompanying PTO/SB/08A as document FP11)	
	NPL26	Dialog File 351, Accession No. 5225712, Derwent WPI English language abstract for EP 0 377 893 A1 (listed on accompanying PTO/SB/08A as document FP12)	
	NPL27	Dialog File 351, Accession No. 5466100, Derwent WPI English language abstract for EP 0 415 211 A2 (listed on accompanying PTO/SB/08A as document FP13)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	4	of	5	Attorney Docket Number	2400.0320000/VLC/CMB

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL28	Dialog File 351, Accession No. 5637050, Derwent WPI English language abstract for EP 0 442 073 A2 (listed on accompanying PTO/SB/08A as document FP16)	
	NPL29	Dialog File 351, Accession No. 5637204 Derwent WPI English language abstract for EP 0 442 077 A2 (listed on accompanying PTO/SB/08A as document FP17)	
	NPL30	Dialog File 351, Accession No. 5720288, Derwent WPI English language abstract for EP 0 456 063 A2 (listed on accompanying PTO/SB/08A as document FP18)	
	NPL31	Dialog File 351, Accession No. 5984812, Derwent WPI English language abstract for EP 0 492 366 A2 (listed on accompanying PTO/SB/08A as document FP19)	
	NPL32	Dialog File 351, Accession No. 6600806, Derwent WPI English language abstract for EP 0 521 334 A1 (listed on accompanying PTO/SB/08A as document FP20)	
	NPL33	Dialog File 351, Accession No. 6665683, Derwent WPI English language abstract for EP 0 582 198 A2 (listed on accompanying PTO/SB/08A as document FP22)	
	NPL34	Dialog File 351, Accession No. 6975167, Derwent WPI English language abstract for EP 0 596 298 A2 (listed on accompanying PTO/SB/08A as document FP23)	
	NPL35	Dialog File 351, Accession No. 6979861, Derwent WPI English language abstract for EP 0 613 884 A2 (listed on accompanying PTO/SB/08A as document FP25)	
	NPL36	Dialog File 351, Accession No. 6979862, Derwent WPI English language abstract for EP 0 613 885 A2 (listed on accompanying PTO/SB/08A as document FP26)	

Examiner Signature		Date Considered
--------------------	--	-----------------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	5	of	5	Attorney Docket Number	2400.0320000/VLC/CMB

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL37	Dialog File 351, Accession No. 7380333, Derwent WPI English language abstract for EP 0 668 267 A1 (listed on accompanying PTO/SB/08A as document FP31)	
	NPL38	Dialog File 351, Accession No. 9053979, Derwent WPI English language abstract for DE 196 21 522 A1 (listed on accompanying PTO/SB/08A as document FP40)	
	NPL39	STNEasy Database, Accession No. 1965:463065, English language abstract for Askani, R., "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," <i>Chem. Berichte</i> 98:2551-2555, Verlag Chemie (1965)	
	NPL40	STNEasy Database, Accession No. 1955:56638, English language abstract for Dannenberg, H. and Dannenberg-Von Dresler, D., "Synthesis of steranthenes. III. 3,4-Aceperinaphthane and 6,7-aceperinaphthane," <i>Ann. Chem.</i> 585:1-15, (1954)	
	NPL41	STNEasy Database, Accession No. 1925:19216, English language abstract for Diels, O., <i>et al.</i> , "The endo-methylenepiperidazine resulting from cyclopentadiene and azo ester and its transformation into 1,3-diaminocyclopentane," <i>Ann. Chem.</i> 443:242-262, (1925)	
	NPL42	International Search Report for International Application No. PCT/EP2004/012443, European Patent Office, Netherlands, mailed April 8, 2005	

593489v1

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.